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PATENT
ATTORNEY DOCKET NO.: JHU1970-1

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants: Beachy and Taipale
Application No.: 09/943,641
Filing Date: August 30, 2001
Title: IDENTIFICATION OF ACTIVATED RECEPTORS AND ION CHANNELS

Art Unit: 1646
Examiner: Gyan Chandra

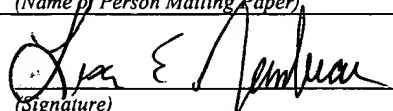
Mail Stop Amendment
Commissioner for Patents
P. O. Box 1450
Alexandria, VA 22313-1450

TRANSMITTAL SHEET

Sir:

Transmitted herewith for the above-identified application please find:

1. Response to Office Action mailed December 15, 2004 (14 pages); and
2. Return Postcard.

CERTIFICATION UNDER 37 CFR §1.8	
I hereby certify that the documents referred to as enclosed herein are being deposited with the United States Postal Service with sufficient postage as first class mail on this date, March 14, 2005 , in an envelope addressed to: Mail Stop Amendment, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.	
Lisa E. Jambeau (Name of Person Mailing Paper)	
 (Signature)	March 14, 2005 (Date)

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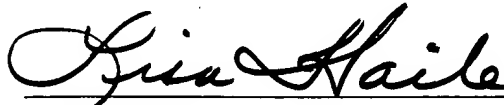
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PATENT
Attorney Docket No.: JHU1970-1

No fee is deemed necessary in connection with the filing of this document. However, if any fee is required, authorization is hereby given to charge the amount of any such fee to Deposit Account No. 07-1896.

Respectfully submitted,

Date: March 14, 2005



Lisa A. Haile, J.D., Ph.D.

Registration No. 38,347

Telephone: (858) 677-1456

Facsimile: (858) 677-1465

DLA PIPER RUDNICK GRAY CARY US LLP
4365 Executive Drive, Suite 1100
San Diego, California 92121-2133
USPTO Customer Number 28213

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RESPONSE TO THE OFFICE ACTION

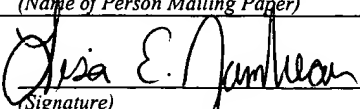
Sir:

In response to the Office Action of December 15, 2005, please amend the above-identified application as follows:

Amendments to the Specification begin on page 2 of this paper.

Amendments to the Claims are reflected in the listing of claims which begins on page 3 of this paper.

Remarks/Arguments begin on page 8 of this paper.

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